

JC

JCWSCS 2 1 APR 2004

Apr-20-04 04:51pm From:HBSR

1-978-341-0242

T-682 P.01/06 F-211

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
530 Virginia Road, P.O. Box 9133  
Concord, MA 01742-9133

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

**FACSIMILE FILING OF PTO DOCUMENT**

**Examiner:** Not Assigned **Group:** 3761

**Date:** April 20, 2004

**Client Code:** 2173

**Facsimile No.:** Corrected Filing Receipt Requests - 703-746-9195

**From:** Darrell L. Wong

**Subject: Paper:** Request for Corrected Filing Receipt

**Docket No.:** 2173.1004-003

**Applicants:** LeNoir E. Zaiser and Kevin Confoy

**Serial No.:** 10/715,031

**Filing Date:** November 17, 2003

Number of pages including this cover sheet: 6

Please confirm receipt of facsimile: Yes X No     

**Comments:**

Privileged and Confidential - All information transmitted hereby is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any distribution or copying of this communication is strictly prohibited. Anyone who received this communication in error is asked to notify us immediately by telephone and to destroy the original message or return it to us at the above address via first class mail.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: LeNoir E. Zaiser and Kevin Confoy  
Application No.: 10/715,031 Group: 3761  
Filed: November 17, 2003 Examiner: Not Assigned  
Confirmation No.: 2790  
For: INTERLOCK SYSTEM FOR GAS FLOW DEVICE

<b>CERTIFICATE OF MAILING OR TRANSMISSION</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on	
04/20/04	<i>Ellen T. Spear</i>
Date	Signature
<i>Ellen T. Spear</i>	
Typed or printed name of person signing certificate	

**REQUEST FOR CORRECTED FILING RECEIPT**  
**FOR UTILITY APPLICATION**

Office of Initial Patent Examination  
Customer Service Center  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We hereby request that the following items of information be corrected in the Filing Receipt for the subject application received in this office on February 20, 2004.

A copy of a recently filed first page of the specification is submitted herewith. The error and correction appears below.

The last name of inventor Kevin Confoy is erroneously given as "Confoy" in the Applicant(s) field of the Filing Receipt.

10/715,031

-2-

Enclosed are copies of the Filing Receipt with changes noted in red and a copy of the first page of the specification.

Pursuant to instructions in the February 29, 2000 O.G., we hereby request that the errors which are identified above be corrected in the captioned application to which this request for correction is directed. It is understood that the Patent Office will issue an automatically-generated, corrected Filing Receipt in this and, if applicable, any other affected applications.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

Darrell L. Wong

Registration No.: 36,725

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: 4/20/2004



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address COMMISSIONER FOR PATENTS  
 P.O. Box 150  
 Alexandria, Virginia 22304-1500  
 WWW.USPTO.GOV

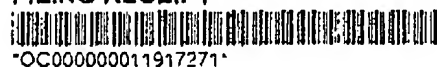
APPL NO	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/715,031	11/17/2003	3761	770	2173 1004-003	7	20	3

CONFIRMATION NO. 2790

021005

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
 530 VIRGINIA ROAD  
 P O BOX 9133  
 CONCORD, MA 01742-9133

## FILING RECEIPT



\*OC000000011917271\*

Date Mailed: 02/18/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

LeNoir E Zaiser, Naples, FL,  
 Kevin Confoy, Naples, FL,

*Confoy*

## Domestic Priority data as claimed by applicant

This application is a Div of 09/342,953 06/29/1999 PAT 6,647,982  
 which claims benefit of 60/091,127 06/29/1998  
 and claims benefit of 60/119,745 02/09/1999  
 and claims benefit of 60/124,704 03/15/1999  
 and claims benefit of 60/127,961 04/06/1999

## Foreign Applications

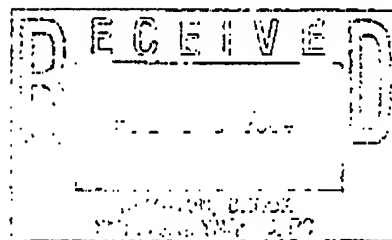
If Required, Foreign Filing License Granted: 02/18/2004

Projected Publication Date: 05/27/2004

Non-Publication Request: No

Early Publication Request: No

Title



Interlock system for gas flow device

Preliminary Class

128

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)), the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

DJ/dar

Docket No.: 2173.1004-003

November 17, 2003

**COPY**

-1-

Date: <u>11/17/03</u>	Express Mail Label No: <u>EL955639747 US</u>
-----------------------	--

Inventor: LeNoir E. Zaiser, Kevin Confoy  
Attorney's Docket No.: 2173.1004-003

## INTERLOCK SYSTEM FOR GAS FLOW DEVICE

### RELATED APPLICATIONS

This application is a Divisional of U.S. Application No. 09/342,953 filed on June 29, 1999, which claims the benefit of U.S. Provisional Application No. 60/091,127  
5 filed on June 29, 1998, U.S. Provisional Application No. 60/119,745 filed on February 9, 1999, U.S. Provisional Application No. 60/124,704 filed on March 15, 1999 and U.S. Provisional Application No. 60/127,961 filed on April 6, 1999; the teachings of which are all incorporated herein by reference in their entirety.

### BACKGROUND

10 Gas flow regulators are used to provide a medical gas, such as oxygen, to a patient from a source supply of the gas. The gas is normally stored in a cylinder or supply vessel under high pressure. The gas flow regulator reduces the high pressure (about 500-3000 psi) to a lower pressure (about 50 p.s.i.) and provides the gas at a metered flow rate, measured in liters/minute. It is desirable to manufacture gas flow  
15 regulators as a compact, light weight and smooth to the touch package. It is also desirable to color code the devices to indicate the gas being handled (e.g., green for oxygen) or the preference of the owner of the device.

In the prior art, compact gas flow regulators are generally constructed in either a one-piece or two-piece aluminum alloy housing. In one-piece regulators, a pressure  
20 reducing element and flow control subassembly is typically held into the housing using a c-clip or snap ring. In these devices, the c-clips do not offer adequate stability. In addition, the flow control knob is usually snapped into place and can, therefore, accidentally separate from the regulator.